

061 27 1987
IEPA/DEPC

On July 24, 1987 I conducted a ISS inspection at LTV STEEL. GALE HURSKA from the USEPA (REGION 5) ACCOMPANIED ME DURING THE INSPECTION. WE MET WITH MIKE THOMAS, FACILITY CONTACT.

LTV STEEL (FORMERLY KNOWN AS REPUBLIC STEEL) IS A STEEL PLANT INCLUDING COKE BATTERY, BLAST FURNACE, BASIC OXYGEN PROCESS SHOP, ELECTRIC FURNACE SHOPS, PRIMARY MILL, WIRE AND SEAMLESS TUBE MILLS, PRODUCTION BAR, WIRE, AND PIPE. THE NOVEMBER 12, 1981 PART D INDICATED STORAGE OF KOGI LEAF DUST IN A WASTE FILE, K087 (DECANTER TANK STORED), PROCESS CODE WAS NOT INTRODUCED, AND DOBDS STORED IN DRUMS. IN NOVEMBER 1984, LTV STEEL RECEIVED A FINAL REQUEST FROM U.S. EPA TO SUBMIT A PART B APPLICATION NO LATER THAN JULY 31, 1985. ON JULY 14, 1985, THEN REPUBLIC STEEL RECEIVED AN APPROVAL FROM IEPA ON A CLOSURE PLAN SUBMITTED TO ELIMINATE THE EXISTING WASTE FILES OF KOGI. SINCE LTV STEEL IS CLASSIFIED AS RCRA UNIT UNDER INTERIM STATUS, A FINAL PART B PERMIT IS NOT APPLICABLE. LTV STEEL SUBMITTED A CLOSURE PLAN THAT WAS APPROVED ON JANUARY 21, 1986 AND ADDRESSED CLOSURE OF BOTH THE WASTE FILE AND THE DRUM STORAGE AREA. ON AUGUST 7, 1986 I CONDUCTED A CLOSURE VERIFICATION INSPECTION (SOL 503) WHICH INCLUDED SAMPLING THE LEAF DUST STORED FLOOR AREA. THE CLOSURE INSPECTION REVEALED THAT SIX DRUMS OF DOBDS HAD BEEN STORED GREATER THAN 90 DAYS. LEAF DUST WASTE FILE HAS BEEN REMOVED. SINCE CLOSURE



OCT 24 1982

IEPA/DLU

OF THE WASTE SITE AREA AND DRAIN TERRACE AREA
WERE ADDRESSED IN ONE PUN, IT APPEARS THAT THE
FACILITY HAS NOT CLOSED IN ACCORDANCE WITH THEIR
APPROVED CLOSURE PLAN.

THE ONLY MILLS WHICH ARE OPERATING AT THE
PRESENT TIME ARE: (1) 11" MILL (2) COKE MILL, AND (3) WIRE MILL.

THE FOLLOWING HAZARDOUS WASTE STREAMS ARE GENERATED:

- ① DOOR-SOL NONE ON-SITE
- ② KOB1-SO3 NONE IN WASTE SITE. ACCUMULATED IN ROLL
OFF BOXES. NONE ON-SITE
- ③ KOB2 - ACCUMULATED IN TWO 80,000 GALLON ABOVE GROUND
TANKS. NOT REGULATED UNDER 221.102 4C 1(B) USED AS A
EFFECTIVE SUBSTITUTE FOR A COMMERCIAL PRODUCT. SENDS
SPENT ACID TO A POTTERY POT WHICH USES THE
SPENT ACID AS A FLOCCULANT IN THEIR TREATMENT
PROCESS ~ 40,000 GALLONS ON-SITE.
- ④ KOB2 ACCUMULATED IN A PROCESS TANK WHERE SOLVENT
IS ADDED. THIS SOLUTION IS IMMEDIATELY SPANNED OVER
THE COAL AND PUT BACK INTO THE COOKING OPERATION.
NOT REGULATED UNDER 221.102 4C 1(C) RETURNED TO
SLUDGE TO THE COOKING PROCESS FROM WHICH THEY ARE
GENERATED, WITHOUT FIRST BEING REMOVED IN 10 CUBIC YARDS
ON-SITE.

TWO SAMPLES WERE TAKEN DURING THE INSPECTION.

- 1) S501 - COOLING WATER POND ADJACENT TO THE 11" MILL
RESULTS RECEIVED SEPTEMBER 18, 1982. SAMPLE WAS INCOMPATIBLE
WITH THE TEST REQUESTED.
- 2) X201 - SOUTHERN PORTION OF SITE, SQUAW CREEK ENTERING

NARRATIVE

LTV FROM WILDF LAKE, EXITING INTO CALUMET RIVER. DID
NOT RECEIVE SAMPLE RESULTS.

THE Following are APPARENT VIOLENTIONS:

- 1) 722-123 NO MILEGATES WERE ^{REMOVED} MAINTAINED ON SITE.
- 2) 725-115 NO INJECTION RECORDED ON SCHEDULE after THE EAF DUST WASTE PILE.